

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

METHOD OF AND SYSTEM FOR RULES-BASED POPULATION OF KNOWLEDGE BASE USED FOR MEDICAL CLAIMS PROCESSING

Application Number:

10/690257

Confirmation Number:

3421

First Named Applicant:

Oscar Chappel

Attorney Docket Number: 92717-00345USP1

Art Unit:

2129 TVA

Examiner:

Not Yet Assigned Buss

Search string:

(20030083903 or 20030074228 or

20030074218 or 20030069760 or 20030069756

or 20030061096 or 20030060688 or

20030055679 or 20030055531 or 20030050825

or 20030050804 or 20030049701 or

20030036924 or 20030033169 or 20030032069

or 20030028404 or 20030027223 or

20030023473 or 20030009357 or 20020198885

or 20020195488 or 20020193667 or

20020188452 or 20020183626 or 20020173992

or 20020173989 or 20020173988 or

20020173987 or 20020173875 or 20020170565

or 20020165739 or 20020165738 or

20020165735 or 20020156078 or 20020150966

or 20020148893 or 20020147617 or

20020147615 or 20020138649 or 20020138306

or 20020128868 or 20020111826 or

20020100762 or 20020091552 or 20020087533

or 20020077994 or 20020070226 or 20020069089 or 20020069085 or

20020069079).pn.

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Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	K	იძ	Q	ss	Sub	class
ВВ	AA**	20030083903	2003-05-01	Gene Myers]	\				
ВВ	AB**	20030074228	2003-04-17	Christopher Walsh]	1				

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ВВ	AC.	20030074218	2003-04-17 Harold Liff		
	AD**	20030069760	2003-04-10	Arthur Gelber	
	AE**	20030069756	2003-04-10	James Higginbotham	
	AF**	20030061096	2003-03-27	Gerald Gallivan	
	AG**	20030060688	2003-03-27	Anthony Ciarniello	
	AH**	20030055679	2003-03-20	ANDREW H. SOLL	
	Al**	20030055531	2003-03-20	Harold Liff	
	AJ**	20030050825	2003-03-13	Gerald Gallivan	
	AK**	20030050804	2003-03-13	Michael Hendershot	
	AL**	20030049701	2003-03-13	Patrick Muraca	
	AM**	20030036924	2003-02-20	Daniel Rosen	
Ф	AN**	20030033169	2003-02-13	Douglas Dew	
	- AO**	20030032069	2003-02-13	Patrick Muraca	
	AP**	20030028404	2003-02-06	Robert Herron	
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Ш	AR**	20030023473	2003-01-30	GEORGE VICTOR GUYAN	
	AS**	20030009357	2003-01-09	ROBERT H. PISH	
	AT**	20020198885	2002-12-26	Larry Streepy	
	AU**	20020195488	2002-12-26	Christopher Walsh	
	AV**	20020193667	2002-12-19	Douglas McNair .	
	AW**	20020188452	2002-12-12	Simon Howes	
	AX**	20020183626	2002-12-05	Robert Nordstrom	
	AY**	20020173992	2002-11-21	Dennis Dang	
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	AC1**	20020173875	2002-11-21	Robert Wallace	
	AD1**	20020170565	2002-11-21	Thomas Walker	
	AE1**	20020165739	2002-11-07	GEORGE V. GUYAN	
	AF1**	20020165738	2002-11-07	Dennis Dang	
	. AG1**	20020165735	2002-11-07	Peter Stangel	
	AH1**	20020156078	2002-10-24	David Comings	
	Al1**	20020150966	2002-10-17	Patrick Muraca	
	AJ1**	20020148893	2002-10-17	Christopher Walsh	
V	AK1**	20020147617	2002-10-10	Michael Schoenbaum	
ВВ	AL1**	20020147615	2002-10-10	Thomas Doerr	
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7	4	M	MARK	20020138649	2002-09-26	Brian Cartmell	
١	\Box		AN1**	20020138306	2002-09-26	John Sabovich	
1			AO1**	20020128868	2002-09-12	Michael Lonski	
			AP1**	20020111826	2002-08-15	Jane Pötler	
j			AQ1**	20020100762	2002-08-01	· Harold Liff	
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			AU1"	20020070226	2002-06-13	Harold Liff	
	$ar{\Box}$		AV1**	20020069089	2002-06-06	John Larkin	
		7	AW1**	20020069085	2002-06-06	Bradley Engel	
	B	В	AX1**	20020069079	2002-06-06	Lilly Vega	

Signature ,

Examiner Name	Date
/Benjamin Buss/	06/30/2006



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Not Yet Assigned Buss

Search string:

(6556964 or 6551266 or 6415295 or 6381576 or 6370511 or 6366683 or 6353817 or 6347329 or 6314556 or 6292771 or 6266645 or 6182047 or 6137911 or 6125350 or 6088677 or 6082776 or 6067466 or 6049794 or 5956689 or 5924074 or 5916818 or 5908383 or 5890129 or 5835897 or 5819228 or 5809476 or 5794178 or 5784635 or 5772585 or 5724983 or 5724488 or 5619709 or 5577169 or 5483443 or 5390330 or 5301105

or 20030009359 or 20020187772 or

20020077849 or 20020007284 or 20010051880

or 20010051879 or 20010018739).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	AB**	6551266	2003-04-22	Richard Davis]			ŀ		
	AC**	6415295	2002-07-02	Lawrence Feinberg		1		1		l
	AD**	6381576	2002-04-30	EDWARD HOWARD GILBERT				1		
	AE**	6370511	2002-04-09	DENNIS K. DANG]			1		
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BB	AH**	6347329	2002-02-12	Jae Evans]	1				
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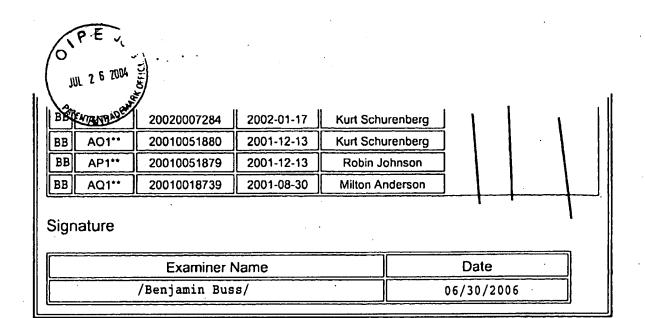
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H	AJ··	6292771	2001-11-00	PETER J. HUAG
#	<u> </u>			
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Ш	AL**	6182047	2001-01-30	FREDERICK M. DIRBAS
Ш	AM**	6137911	2000-10-24	MAXIM ZHILYAEV
	AN**	6125350	2000-09-26	FREDERICK M. DIRBAS
Ш	AO**	6088677	2000-07-11	LOREN J. SPURGEON
	AP**	6082776	2000-07-04	LAWRENCE E. FEINBERG
	AQ**	6067466	2000-05-23	HARRY P. SELKER
Ш	AR**	6049794	2000-04-11	CHARLES M. JACOBS
	AS**	5956689	1999-09-21	KENNETH A. EVERHART III
	AT**	5924074	1999-07-13	JAE A. EVANS
	AU**	5916818	1999-06-29	JOHANNES IRSCH
	AV**	5908383	1999-06-01	ULF BRYNJESTAD
	AW**	5890129	1999-03-30	LOREN J. SPURGEON
	AX**	5835897	1998-11-10	DENNIS K. DANG
	AY**	5819228	1998-10 - 06	ALAN SPIRO
	AZ**	5809476	1998-09-15	JOHN K. RYAN
	AA1**	5794178	1998-08-11	WILLIAM R. CAID
	AB1**	5784635	1998-07-21	WILLIAM J. MCCALLUM
	AC1**	5772585	1998-06-30	MARIANNE LAVIN
	AD1**	5724983	1998-03-10	HARRY P. SELKER
	AE1**	5724488	1998-03-03	ROBERT T. PREZIOSO
	AF1**	5619709	1997-04-08	WILLIAM R. CAID
	AG1**	5577169	1996-11-19	ROBERT T. PREZIOSO
	AH1**	5483443	1996-01-09	BERNARD A. MILSTEIN
V	Al1**	5390330	1995-02-14	KIRIT K. TALATI
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ВВ	AL1**	20020187772	2002-12-12	Petri Hyyppa]	1	- 1		- 1	
BB	AM1**	20020077849	2002-06-20	Howard Baruch]	1	- 1		- 1	
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3421

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Oscar Chappel

Attorney Docket Number: 92717-00345USP1

Art Unit:

N/A 2129

Examiner:

Not Yet Assigned Buss

Search string:

(20030074226 or 20030032871 or

20030018595 or 20030009239 or 20020194221

or 20020173971 or 20020169771 or

20020161606 or 20020128816 or 20020124002

or 20020120466 or 20020107452 or

20020103680 or 20020099686 or 20020093189

or 20020087358 or 20020082825 or

20020069057 or 20020069056 or 20020052760

or 20020052551 or 20020046346 or

20020035491 or 20020035486 or 20020022972

or 20020010595 or 20010041992).pn.

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Note: Applicant is not required to submit a paper copy of cited US Published Applications

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	AB**	20030032871	2003-02-13	Harry Selker					,	
	AC**	20030018595	2003-01-23	Hung-Han Chen						
	AD**	20030009239	2003-01-09	Joseph Lombardo						
	AE**	20020194221	2002-12-19	Philip Strong]					
	AF**	20020173971	2002-11-21	Paul Stirpe						
	AG**	20020169771	2002-11-14	Kenneth Melmon]	1				
	AH**	20020161606	2002-10-31	Richard Bennett		1				
вв	Al**	20020128816	2002-09-12	Peter Haug				1		•
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	AK**	20020120466	2002-08-29	Sam Finn	
	AL**	20020107452	2002-08-08	Manlik Kwong	
	AM**	20020103680	2002-08-01	Les Newman	
	AN**	20020099686	2002-07-25	Eric Schwartz	
	AO**	20020093189	2002-07-18	Jerome Krupa	
	AP**	20020087358	2002-07-04	Edward Gilbert	
	AQ**	20020082825	2002-06-27	Gordan lan Rowlandson	
	AR**	20020069057	2002-06-06	Gregory Kapust	
	AS**	20020069056	2002-06-06	Charles Nofsinger	
	AT**	20020052760	2002-05-02	Michael Munoz	
Ш	AU**	20020052551	2002-05-02	Stephen Sinclair	
	AV**	20020046346	2002-04-18	Jae Evans	
	AW**	20020035491	2002-03-21	Robert Dombroski	
	AX**	20020035486	2002-03-21	Nam Huyn	
	AY**	20020022972	2002-02-21	John Costello	
Y	AZ**	20020010595	2002-01-24	Thomas Kapp	
ВВ	AA1**	20010041992	2001-11-15	Gregory Lewis	

Signature

Examiner Name	Date
/Benjamin Buss/	06/30/2006

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Substitute for form 1449/PTO

Applicate
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete If Known				
Application Number 10/690257-Conf. #3421				
Filing Date October 21, 2003				
First Named Inventor	First Named Inventor Oscar A. Chappel			
Art Unit	3026 2129)		
Examiner Name Not Yot Accigned Bu				
Attorney Docket Number 92717-00345USP1				

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Examiner Initials*	Cite No.'	Document Number Number-Kind Code ² (# knawn)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Examiner Initials*	Cite No.'	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relovant Passages or Relovant Figures Appear	

*EXAMINER: Initial If Information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspio.gov or MPEP 901.04. *Enter Office that issued the document, by the two-tetter code (WIPO Standard ST.3). *For Inspense patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbods as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Inilials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T,
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	C11 .	Choosing a Problem; 1 Page. /994	
	C12	Knowledge Engineering, 1 Page. 1994	
	C13	Exam-like Questions; 1 Page. 1994	
	C14	Rules and Expert Systems; 1 Page. 1994	L
	C15_	A Simple Example; 2 Pages. 1994	
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ALTERNATIVE TO PTO/SB/08a/b (06-03)

Complete if Known ostitute for form 1449/PTO 10/690257-Conf. #3421 Application Number INFORMATION DISCLOSURE October 21, 2003 Filing Date STATEMENT BY APPLICANT Oscar A. Chappel First Named Inventor 2129 Art Unit (Use as many she ets as necessary) Buss Not Yot Accigned Examber Name of 2 Attemey Docket Number 92717-00345USP1 Sheet 2

BB	C26	Forward Chaining Systems; 3 Pages. 1994
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BB	C30	Exam-like Questions; 1 Page. 1994

^{*}EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner		Date	06/30/2006 I
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^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.



ALTERNATIVE TO PTO/SB/08a/0 (07-05)

		_		Complete if Known			
Sub	stitute for form 1449/PT	O		Application Number	10/690257-Conf. #3421		
IN	IFORMATIC	ON DISC	CLOSURE	Filing Date October 21, 2003			
	TATEMENT			First Named Inventor	Oscar A. Chappel		
٦	IVICAL	ואוטי	LIOAN	Art Unit	3026 2129		
	(Use as many	sheets as ne	cessary)	Examiner Name	Not Yet Assigned Buss		
Sheet	1	of	1	Attomey Docket Number	92717-00345USP1		

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Examiner Initials*	Cite No.'	Document Number Number-Kind Code ² (il known)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Câed Document		

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Examiner Initials*	Cite No.'	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁴ (# known)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	т•	
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Examiner Cite Initials No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
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*EXAMINER: tritial if reference considered, whether or not clasion is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to explicant.

Examiner	/Benjamin	Buss/	Date	06/30/2006
Signature	/ De juma	2450/	Considered	00/30/2000

OIPE 4011

ALTERNATIVE TO PTO/SB/08a/b (07-05)

Complete if Known Substitute for form 1449/PTO Application Number 10/690257-Conf. #3421 Filing Date October 21, 2003 INFORMATION DISCLOSURE Oscar A. Chappel First Named Inventor STATEMENT BY APPLICANT 2129 finU hA 3020 (Use as many sheets as necessary) Buss Not Yet Assigned Examiner Name Sheet Attorney Docket Number 92717-00345USP1

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Examiner Initiats*	Cite No.1	Document Number Number-Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		

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BB	B1	JP-2001-022729	01-26-2001	Hitachi Ltd et al.	1			
BB	B2	JP-2000-250888	09-14-2000	Hitachi Ltd et al.	1			

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. *Applicant is to place a check mark here if English language Translation is attached.

•		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, jour net, serial, symposium, catalog, etc.), date, page(s), volume-tssue number(s), publisher, city and/or country where published.	T²
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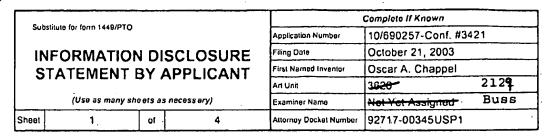
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First Named Inventor	Oscar A. Chappel			
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